

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1062	"360"/\$7.ccls. and (pick\$1up with head)	USPAT	OR	ON	2005/05/03 10:29
S1	0	miles-dean.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/12/20 10:32
S2	4	(miles and robberts).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/04/29 12:22
S3	1612	((("369"/\$7 "720"/\$7).ccls. (optical near2 (head pick\$1up (pick adj up)))) and (object near3 focus\$4)	US-PGPUB; USPAT	OR	ON	2005/04/22 15:11
S4	17	((("369"/\$7 "720"/\$7).ccls. (optical near2 (head pick\$1up (pick adj up)))) and (object near3 focus\$4) and ((park\$3 rest\$3) near3 (position location))	US-PGPUB; USPAT	OR	ON	2004/12/20 10:56
S5	59	((("369"/\$7 "720"/\$7).ccls. (optical near2 (head pick\$1up (pick adj up)))) and (object near3 focus\$4) and ((park\$3 rest\$3 off ("not" adj in adj use) ("not" adj being adj used)) near3 (position location))	US-PGPUB; USPAT	OR	ON	2004/12/20 10:59
S6	2	((("369"/\$7 "720"/\$7).ccls. (optical near2 (head pick\$1up (pick adj up)))) and (object near3 focus\$4) and ((park\$3 rest\$3 off ("not" adj in adj use) ("not" adj being adj used)) near3 (position location)) and ((focus\$4 track\$3 mechanical) near3 (limit stop))	US-PGPUB; USPAT	OR	ON	2004/12/20 11:32
S7	3	((("369"/\$7 "720"/\$7).ccls. (optical near2 (head pick\$1up (pick adj up)))) and ((object near2 focus\$4) same ((park\$3 rest\$3 off ("not" adj in adj use) ("not" adj being adj used)) near3 (position location)))	US-PGPUB; USPAT	OR	ON	2004/12/20 11:03
S8	53348	((("369"/\$7 "720"/\$7).ccls. (optical near2 (head pick\$1up (pick adj up))))	US-PGPUB; USPAT	OR	ON	2004/12/20 11:03
S9	90234	((("369"/\$7 "720"/\$7 "360"/\$7).ccls. (optical near2 (head pick\$1up (pick adj up))))	US-PGPUB; USPAT	OR	ON	2004/12/20 11:33
S10	986	S9 and (((rest\$3 park\$3) near2 (space position location)) with (lens head pick\$1up (pick adj up)))	US-PGPUB; USPAT	OR	ON	2005/04/22 15:14

S11	15	S9 and (((rest\$3 park\$3 landing start\$3 stop\$4) near2 (space position location zone)) with (lens head pick\$1up (pick adj up)) with (driv\$3 displac\$3 mov\$3) with (("not" adj in adj use) ("not" adj being adj used) ((no "not") near2 (scan\$4 read\$3 writ\$3 reproduc\$4 record\$3))))	US-PGPUB; USPAT	OR	ON	2004/12/20 11:43
S12	3341	S9 and ((rest\$3 park\$3 landing start\$3 stop\$4) adj (space position location zone)) with (lens carriage head pick\$1up (pick adj up))	US-PGPUB; USPAT	OR	ON	2004/12/20 11:45
S13	3	S9 and (((rest\$3 park\$3 landing start\$3 stop\$4 home) adj (space position location zone)) with (lens carriage head pick\$1up (pick adj up)) with ((maintain\$5 hold\$3) near3 (focus\$4 limit)))	US-PGPUB; USPAT	OR	ON	2004/12/20 12:21
S14	54	S9 and (((rest\$3 park\$3 landing start\$3 stop\$4 home) adj (space position location zone)) with (lens carriage head pick\$1up (pick adj up)) with ((maintain\$5 hold\$3 error signal servo\$3 actuat\$3) near3 (focus\$4 limit)))	US-PGPUB; USPAT	OR	ON	2004/12/20 12:22
S15	25	S9 and (((rest\$3 park\$3 landing start\$3 stop\$4 home) adj (space position location zone)) with (lens carriage head pick\$1up (pick adj up)) with ((maintain\$5 hold\$3 error signal servo\$3 actuat\$3) near3 (focus\$4)))	US-PGPUB; USPAT	OR	ON	2004/12/20 12:22
S16	1393	("369"/\$7 "720"/\$7).ccls. and ((limit\$3 stop\$4) with (lens objective pick\$1up head) with (movement mov\$3))	US-PGPUB; USPAT	OR	ON	2005/04/22 15:13
S17	532	("369"/\$7 "720"/\$7).ccls. and ((limit\$3 stop\$4) with (lens objective pick\$1up head) with (movement mov\$3) with (focus\$4 track\$3))	US-PGPUB; USPAT	OR	ON	2005/04/22 15:13
S18	93293	((("369"/\$7 "720"/\$7 "360"/\$7).ccls. (optical near2 (head pick\$1up (pick adj up))))	US-PGPUB; USPAT	OR	ON	2005/04/22 15:14
S19	1010	S18 and (((rest\$3 park\$3) near2 (space position location)) with (lens head pick\$1up (pick adj up)))	US-PGPUB; USPAT	OR	ON	2005/04/28 11:00
S20	15	S17 and S19	US-PGPUB; USPAT	OR	ON	2005/04/22 15:26

S22	8	"369"/\$7.ccls. and (((maintain\$3 keep\$3) near3 (focus\$4 in\$1focus)) with (((disc disk medium carrier) near4 (remov\$3 out)) (no adj (disc disk medium carrier))))	US-PGPUB; USPAT	OR	ON	2005/04/25 09:31
S23	9	"369"/\$7.ccls. and (((maintain\$3 keep\$3) near3 (focus\$4 in\$1focus)) with ((disc disk medium carrier) near4 (remov\$3 out no)))	US-PGPUB; USPAT	OR	ON	2005/04/25 09:29
S24	12	"369"/\$7.ccls. and (((maintain\$3 keep\$3 sustain\$4 preserv\$3 hold\$3) near3 (focus\$4 in\$1focus)) with (((disc disk medium carrier) near4 (remov\$3 out)) (no adj2 (disc disk medium carrier))))	US-PGPUB; USPAT	OR	ON	2005/04/25 09:32
S25	12	("369"/\$7 "720"/\$7).ccls. and (((maintain\$3 keep\$3) near5 (in\$1focus ((in on) adj focus) (focus\$4 near3 (position location)))) same ((chang\$3 remov\$3 replac\$3) near3 (disc disk medium carrier cd\$4 dvd\$4)))	US-PGPUB; USPAT	OR	ON	2005/04/28 11:47
S26	312	("369"/\$7 "720"/\$7).ccls. and (focus near2 object)	US-PGPUB; USPAT	OR	ON	2005/04/28 11:48
S27	1	("369"/\$7 "720"/\$7).ccls. and ((focus near2 object) same ((rest\$3 park\$3 landing start\$3 stop\$4) near2 (space position location zone)))	US-PGPUB; USPAT	OR	ON	2005/04/28 11:50
S28	13062	("369"/\$7 "720"/\$7).ccls. and ((disc medium disk carrier cd\$4 dvd\$4) near5 (remov\$3 unload\$3 ("not" adj ("in use" "being used" loaded present detected)) chang\$3))	US-PGPUB; USPAT	OR	ON	2005/04/28 11:54
S29	17	("369"/\$7 "720"/\$7).ccls. and (((disc medium disk carrier cd\$4 dvd\$4) near5 (remov\$3 unload\$3 ("not" adj ("in use" "being used" loaded present detected)) chang\$3)) same (focus\$4 near2 object))	US-PGPUB; USPAT	OR	ON	2005/04/28 11:55
S30	9	("369"/\$7 "720"/\$7).ccls. and (((disc medium disk carrier cd\$4 dvd\$4) near5 (remov\$3 unload\$3 ("not" adj ("in use" "being used" loaded present detected)) chang\$3)) with (focus\$4 near2 object))	US-PGPUB; USPAT	OR	ON	2005/04/28 11:59

S31	3	("369"/\$7 "720"/\$7).ccls. and (((disc medium disk carrier cd\$4 dvd\$4) near5 (remov\$3 unload\$3 ("not" adj ("in use" "being used" loaded present detected)) chang\$3)) with ((maintain\$3 keep\$3) near5 (in\$1focus ((in on) adj focus) (focus\$4 near3 (position location))))))	US-PGPUB; USPAT	OR	ON	2005/04/28 11:57
S32	13	("369"/\$7 "720"/\$7).ccls. and (((disc medium disk carrier cd\$4 dvd\$4) near5 (remov\$3 unload\$3 ("not" adj ("in use" "being used" loaded present detected)) chang\$3)) same ((maintain\$3 keep\$3) near5 (in\$1focus ((in on) adj focus) (focus\$4 near3 (position location))))))	US-PGPUB; USPAT	OR	ON	2005/04/28 11:56
S33	3	("369"/\$7 "720"/\$7).ccls. and (((disc medium disk carrier cd\$4 dvd\$4) near5 (remov\$3 unload\$3 ("not" adj ("in use" "being used" loaded present detected)) chang\$3)) with ((preserv\$5 maintain\$4 keep\$3) near5 (in\$1focus ((in on) adj focus) (focus\$4 near3 (position location))))))	US-PGPUB; USPAT	OR	ON	2005/04/28 11:59
S34	9	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and (((disc medium disk carrier cd\$4 dvd\$4) near5 (remov\$3 unload\$3 ("not" adj ("in use" "being used" loaded present detected)) chang\$3)) with (focus\$4 near2 object))	US-PGPUB; USPAT	OR	ON	2005/04/28 12:00
S35	3	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and (((disc medium disk carrier cd\$4 dvd\$4) near5 (remov\$3 unload\$3 ("not" adj ("in use" "being used" loaded present detected)) chang\$3)) with ((preserv\$5 maintain\$4 keep\$3) near5 (in\$1focus ((in on) adj focus) (focus\$4 near3 (position location))))))	US-PGPUB; USPAT	OR	ON	2005/04/28 12:07

S36	11	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and (((disc medium disk carrier cd\$4 dvd\$4) near5 (remov\$3 unload\$3 ("not" adj ("in use" "being used" loaded present detected))) chang\$3)) with ((hold\$3 preserv\$5 maintain\$4 keep\$3) near5 (in\$1focus ((in on) adj focus) ((focus\$4 lens) near3 (position location))))))	US-PGPUB; USPAT	OR	ON	2005/04/28 12:20
S37	2	("5020045" "5590006").pn.	US-PGPUB; USPAT	OR	ON	2005/04/28 12:22
S38	2795	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and ((head lens objective pick\$1up "pick up") with ((park\$3 rest\$3 reset\$4 initial landing) near3 (position zone area region location)))	US-PGPUB; USPAT	OR	ON	2005/04/28 12:25
S39	3052	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and ((head lens objective pick\$1up "pick up") with ((park\$3 rest\$3 reset\$4 initial\$2 landing) near3 (position\$3 zone area region locat\$3)))	US-PGPUB; USPAT	OR	ON	2005/04/28 12:27
S40	3249	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and ((head lens objective pick\$1up "pick up" transducer) with ((park\$3 rest\$3 reset\$4 initial\$2 landing) near3 (position\$3 zone area region locat\$3)))	US-PGPUB; USPAT	OR	ON	2005/04/28 13:16
S41	16	("4561035"   "4686592"   "4764831"   "4843504"   "5025335"   "5072320"   "5124863"   "5231549"   "5241436"   "5251082"   "5257151"   "5291355"   "5296981"   "5313350"   "5329412"   "5345367").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/28 12:28
S42	1	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and (((head lens objective pick\$1up "pick up" transducer) with ((park\$3 rest\$3 reset\$4 initial\$2 landing) near3 (position\$3 zone area region locat\$3))) with (focus\$4 near object))	US-PGPUB; USPAT	OR	ON	2005/04/28 13:17
S43	95	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and (((head lens objective pick\$1up "pick up" transducer) with ((park\$3 rest\$3 reset\$4 initial\$2 landing) near3 (position\$3 zone area region locat\$3))) with focus\$4)	US-PGPUB; USPAT	OR	ON	2005/04/28 13:18

S44	95	("369"/\$7 "720"/\$7 "360"/\$7).cccls. and (((head lens objective pick\$1up "pick up" transducer) with (((park\$3 rest\$3 reset\$4 initial\$2 landing) near3 (position\$3 zone area region locat\$3)) parked)) with focus\$4)	US-PGPUB; USPAT	OR	ON	2005/04/28 13:18
S45	18	("369"/\$7 "720"/\$7 "360"/\$7).cccls. and (((head lens objective pick\$1up "pick up" transducer) with (((park\$3 rest\$3 reset\$4 initial\$2 landing) near3 (position\$3 zone area region locat\$3)) parked)) with ((in\$1focus (in adj focus)) ((maintain\$4 hold\$3 keep\$3 sustain\$3 monitor\$3 detect\$3) near4 focus\$4)))	US-PGPUB; USPAT	OR	ON	2005/04/28 17:24
S46	558	250/201.5.cccls.	US-PGPUB; USPAT	OR	ON	2005/04/28 17:25
S47	342	369/44.27.cccls.	US-PGPUB; USPAT	OR	ON	2005/04/28 18:09
S48	27378	((mov\$3 position\$3 driv\$3 control\$4 actuat\$3) with (head lens objective pick\$1up (pick adj up)) with ((rest\$3 home park\$3 landing initial start\$3 begin\$4 ramp) near3 (position zone area location)))	US-PGPUB; USPAT	OR	ON	2005/04/28 18:35
S49	41583	((in\$1focus (in adj focus)) ((maintain\$4 hold\$3 keep\$3 sustain\$3 monitor\$3 detect\$3) near4 focus\$4))	US-PGPUB; USPAT	OR	ON	2005/04/28 18:14
S50	41810	((in\$1focus (in adj focus)) ((maintain\$4 hold\$3 keep\$3 sustain\$3 monitor\$3 detect\$3 preserv\$3) near4 focus\$4))	US-PGPUB; USPAT	OR	ON	2005/04/28 18:14
S51	27	(S48 same S50) and (S46 S47)	US-PGPUB; USPAT	OR	ON	2005/04/28 18:32
S52	466	(S48 same S50)	US-PGPUB; USPAT	OR	ON	2005/04/28 18:15
S53	66	(S48 same S50) and ("369"/\$7. cccls.)	US-PGPUB; USPAT	OR	ON	2005/04/28 18:35
S54	13405	((mov\$3 position\$3 driv\$3 control\$4 actuat\$3) with (head lens objective pick\$1up (pick adj up)) with ((rest\$3 home park\$3 landing ramp) near3 (position zone area location)))	US-PGPUB; USPAT	OR	ON	2005/04/28 18:35
S55	20	(S54 same S50) and ("369"/\$7. cccls.)	US-PGPUB; USPAT	OR	ON	2005/04/28 18:37

S56	1	("369"/\$7.ccls.) and (((before prior) near3 ((present load\$3 insert\$3) near2 (disc medium disk carrier cd\$4 dvd\$4))) with ((in\$1focus (in adj focus)) ((maintain\$4 hold\$3 keep\$3 sustain\$3 monitor\$3 detect\$3 preserv\$3) near4 focus\$4)))	US-PGPUB; USPAT	OR	ON	2005/04/29 12:11
S57	123	("369"/\$7.ccls.) and (((before prior) near3 ((present load\$3 insert\$3) near2 (disc medium disk carrier cd\$4 dvd\$4))) ((after follow\$3) near3 ((disc medium disk carrier cd\$4 dvd\$4) (remov\$3 eject\$3)))) with ((in\$1focus (in adj focus)) ((maintain\$4 hold\$3 keep\$3 sustain\$3 monitor\$3 detect\$3 preserv\$3 determin\$3) near4 focus\$4)))	US-PGPUB; USPAT	OR	ON	2005/04/29 12:14
S58	123	("369"/\$7.ccls.) and (((before prior) near3 ((present load\$3 insert\$3) near2 (disc medium disk carrier cd\$4 dvd\$4))) ((after follow\$3) near3 ((disc medium disk carrier cd\$4 dvd\$4) (remov\$3 eject\$3 unload\$3)))) with ((in\$1focus (in adj focus)) ((maintain\$4 hold\$3 keep\$3 sustain\$3 monitor\$3 detect\$3 preserv\$3 determin\$3) near4 focus\$4)))	US-PGPUB; USPAT	OR	ON	2005/04/29 12:15
S59	0	("369"/\$7.ccls.) and (((during while when) near3 (disc medium disk carrier cd\$4 dvd\$4) near3 (unloaded ("not" adj (present loaded detect\$4)) eject\$3 chang\$3 switch\$3)) with ((in\$1focus (in adj focus)) ((maintain\$4 hold\$3 keep\$3 sustain\$3 monitor\$3 detect\$3 preserv\$3 determin\$3) near4 focus\$4)))	US-PGPUB; USPAT	OR	ON	2005/04/29 12:21
S60	0	("369"/\$7.ccls.) and (((during while when) near3 ("no" adj (disc medium disk carrier cd\$4 dvd\$4) adj (present loaded detect\$4))) with ((in\$1focus (in adj focus)) ((maintain\$4 hold\$3 keep\$3 sustain\$3 monitor\$3 detect\$3 preserv\$3 determin\$3) near4 focus\$4)))	US-PGPUB; USPAT	OR	ON	2005/04/29 12:21

S61	0	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and (((during while when) near3 (disc medium disk carrier cd\$4 dvd\$4) near3 (unloaded ("not" adj (present loaded detect\$4)) eject\$3 chang\$3 switch\$3)) with ((in\$1focus (in adj focus)) ((maintain\$4 hold\$3 keep\$3 sustain\$3 monitor\$3 detect\$3 preserv\$3 determin\$3) near4 focus\$4))))	US-PGPUB; USPAT	OR	ON	2005/04/29 12:21
S62	0	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and (((during while when) near3 ("no" adj (disc medium disk carrier cd\$4 dvd\$4) adj (present loaded detect\$4))) with ((in\$1focus (in adj focus)) ((maintain\$4 hold\$3 keep\$3 sustain\$3 monitor\$3 detect\$3 preserv\$3 determin\$3) near4 focus\$4))))	US-PGPUB; USPAT	OR	ON	2005/04/29 13:56
S63	4	(miles and robberts).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/04/29 12:22
S64	1361	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and ((eliminat\$3 control\$4 suppress\$3 hold\$3 curb\$3 squash\$3) near3 (rattl\$3 vibrat\$4))	US-PGPUB; USPAT	OR	ON	2005/04/29 14:00
S65	47	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and (((eliminat\$3 control\$4 suppress\$3 hold\$3 curb\$3 squash\$3) near3 (rattl\$3 vibrat\$4)) with (inactiv\$3 "not in use" "not being used" park\$3 rest\$3 off))	US-PGPUB; USPAT	OR	ON	2005/04/29 14:27
S66	8	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and (((eliminat\$3 control\$4 suppress\$3 hold\$3 curb\$3 squash\$3) near3 (rattl\$3 vibrat\$4)) with (inactiv\$3 "not in use" "not being used" park\$3 rest\$3 off)) and ((mov\$3 position\$3 driv\$3 control\$4 actuat\$3) with (head lens objective pick\$1up (pick adj up)) with ((rest\$3 home park\$3 landing ramp) near3 (position zone area location))))	US-PGPUB; USPAT	OR	ON	2005/04/29 14:17



S67	13	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and (((eliminat\$3 control\$4 suppress\$3 hold\$3 curb\$3 squash\$3) near3 (rattl\$3 vibrat\$4)) with (inactiv\$3 "not in use" "not being used" park\$3 rest\$3))	US-PGPUB; USPAT	OR	ON	2005/04/29 14:23
S68	23	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and (((eliminat\$3 control\$4 suppress\$3 hold\$3 curb\$3 squash\$3) near3 (rattl\$3 vibrat\$4)) with (inactiv\$3 "not in use" "not being used" park\$3 rest\$3 stoppage stopped))	US-PGPUB; USPAT	OR	ON	2005/04/29 14:30
S69	23	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and (((eliminat\$3 control\$4 suppress\$3 hold\$3 curb\$3 squash\$3) near3 (rattl\$3 vibrat\$4)) with (inactiv\$3 "not in use" "not being used" park\$3 rest\$3 stoppage stopped dormant))	US-PGPUB; USPAT	OR	ON	2005/04/29 14:36
S70	1483	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and (car automobile)	US-PGPUB; USPAT	OR	ON	2005/04/29 14:37
S71	410	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and ((car automobile) and (rattl\$3 shak\$3 vibrat\$4))	US-PGPUB; USPAT	OR	ON	2005/04/29 14:37
S72	181	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and ((car automobile) same (rattl\$3 shak\$3 vibrat\$4))	US-PGPUB; USPAT	OR	ON	2005/04/29 14:38
S73	38	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and ((car automobile) same (rattl\$3 shak\$3 vibrat\$4)) and ((eliminat\$3 control\$4 suppress\$3 hold\$3 curb\$3 squash\$3) near3 (rattl\$3 vibrat\$4 shak\$3))	US-PGPUB; USPAT	OR	ON	2005/04/29 14:38
S74	39	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and ((car automobile) same (rattl\$3 shak\$3 vibrat\$4)) and ((stop\$4 eliminat\$3 control\$4 suppress\$3 hold\$3 curb\$3 squash\$3) near3 (rattl\$3 vibrat\$4 shak\$3))	US-PGPUB; USPAT	OR	ON	2005/04/29 14:44
S76	1	("369"/\$7 "720"/\$7 "360"/\$7).ccls. and ((car automobile) same (rattl\$3 shak\$3 vibrat\$4) same ((hurt\$3 injur\$3 scratch\$3 damag\$3) with (lens head pick\$1up))) and ((stop\$4 eliminat\$3 control\$4 suppress\$3 hold\$3 curb\$3 squash\$3) near3 (rattl\$3 vibrat\$4 shak\$3))	US-PGPUB; USPAT	OR	ON	2005/04/29 14:45

S77	99	("369"/\$7 "720"/\$7 "360"/\$7 250/201.5).ccls. and ((head pick\$1up (pick adj up) lens) with (ramp park\$3 ((rest\$4 holding inactiv\$3) near3 (position location area zone region))) with (inactiv\$3 ("not" adj (operating "in use" "being used"))) "no operation"))	USPAT	OR	ON	2005/04/29 15:48
S78	9	("369"/\$7 "720"/\$7 "360"/\$7 250/201.5).ccls. and (((head pick\$1up (pick adj up) lens) with (ramp park\$3 ((rest\$4 holding inactiv\$3) near3 (position location area zone region))) with (inactiv\$3 ("not" adj (operating "in use" "being used"))) "no operation")) same (damag\$3 slam\$4 vibrat\$3 shak\$3 rattl\$3))	USPAT	OR	ON	2005/04/29 16:09
S79	12	("369"/\$7 "720"/\$7 "360"/\$7 250/201.5).ccls. and (((head pick\$1up (pick adj up) lens) with (ramp park\$3 ((rest\$4 holding inactiv\$3) near3 (position location area zone region))) with (idl\$3 inactiv\$3 ("not" adj (operating "in use" "being used"))) "no operation")) same (damag\$3 slam\$4 vibrat\$3 shak\$3 rattl\$3))	USPAT	OR	ON	2005/04/29 16:13
S80	0	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((head pick\$1up (pick adj up) lens) with (ramp park\$3 ((rest\$4 holding inactiv\$3) near3 (position location area zone region))) with (inoperative idl\$3 inactiv\$3 ("not" adj (operating "in use" "being used"))) "no operation")) same (damag\$3 slam\$4 vibrat\$3 shak\$3 rattl\$3))	USPAT	OR	ON	2005/04/29 16:14
S81	25	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((head pick\$1up (pick adj up) lens) with (ramp park\$3 ((rest\$4 holding inactiv\$3) near3 (position location area zone region))) with (inoperative idl\$3 inactiv\$3 ("not" adj (operating "in use" "being used"))) "no operation"))	USPAT	OR	ON	2005/04/29 16:59

S82	29	("369"/\$7 "720"/\$7 250/201.5). ccls. and ((head pick\$1up (pick adj up) lens) with (retract\$3 ramp park\$3 ((rest\$4 holding inactiv\$3) near3 (position location area zone region))) with (inoperative idl\$3 inactiv\$3 ("not" adj (operating "in use" "being used"))) "no operation"))	USPAT	OR	ON	2005/04/29 17:02
S83	29	S82 not S80	USPAT	OR	ON	2005/04/29 17:00
S84	4	S82 not S81	USPAT	OR	ON	2005/04/29 17:00
S85	282	("369"/\$7 "720"/\$7 250/201.5). ccls. and ((head pick\$1up (pick adj up) lens) with ((retract\$3 park\$3 rest\$4 holding inactiv\$3 inoperative idl\$3 ("not" adj (operating "in use" "being used")) "no operation") near3 (position location area zone region)) with (maintain\$3 hold\$3 keep\$3 sustain\$3 focus\$4 preserv\$3 monitor\$3 detect\$3))	USPAT	OR	ON	2005/04/29 17:09
S86	175	("369"/\$7 "720"/\$7 250/201.5). ccls. and ((head pick\$1up (pick adj up) lens) with ((retract\$3 park\$3 rest\$4 holding inactiv\$3 inoperative idl\$3 ("not" adj (operating "in use" "being used")) "no operation") near3 (position location area zone region)) with (((maintain\$3 hold\$3 keep\$3 sustain\$3 preserv\$3 monitor\$3 detect\$3) near3 (focus\$4 in\$1focus position location)))	USPAT	OR	ON	2005/04/29 17:12
S87	9	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((head pick\$1up (pick adj up) lens) with ((retract\$3 park\$3 rest\$4 holding inactiv\$3 inoperative idl\$3 ("not" adj (operating "in use" "being used")) "no operation") near3 (position location area zone region)) with (((maintain\$3 hold\$3 keep\$3 sustain\$3 preserv\$3 monitor\$3 detect\$3) near3 (focus\$4 in\$1focus position location))) same (damag\$3 slam\$4 vibrat\$3 shak\$3 rattl\$3))	USPAT	OR	ON	2005/04/29 17:13

S88	9	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((head pick\$1up (pick adj up) lens) with ((retract\$3 park\$3 rest\$4 holding inactiv\$3 inoperative idl\$3 ("not" adj (operating "in use" "being used")) "no operation") near3 (position location area zone region)) with ((maintain\$3 hold\$3 keep\$3 sustain\$3 preserv\$3 monitor\$3 detect\$3) near3 (focus\$4 in\$1focus position location))) same (damag\$3 slam\$4 vibrat\$3 shak\$3 rattl\$3 shock\$3))	USPAT	OR	ON	2005/04/29 17:18
S89	10	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((head pick\$1up (pick adj up) lens actuator transducer) with ((retract\$3 park\$3 rest\$4 holding inactiv\$3 inoperative idl\$3 ("not" adj (operating "in use" "being used")) "no operation") near3 (position location area zone region)) with ((maintain\$3 hold\$3 keep\$3 sustain\$3 preserv\$3 monitor\$3 detect\$3) near3 (focus\$4 in\$1focus position location))) same (damag\$3 slam\$4 vibrat\$3 shak\$3 rattl\$3 shock\$3))	USPAT	OR	ON	2005/04/29 17:19
S90	110	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((head pick\$1up (pick adj up) lens actuator transducer) with ((retract\$3 park\$3 rest\$4 holding inactiv\$3 inoperative idl\$3 ("not" adj (operating "in use" "being used")) "no operation") near3 (position location area zone region)) with ((maintain\$3 hold\$3 keep\$3 sustain\$3 preserv\$3 monitor\$3 detect\$3) near3 (focus\$4 in\$1focus position location))) and (damag\$3 slam\$4 vibrat\$3 shak\$3 rattl\$3 shock\$3))	USPAT	OR	ON	2005/04/29 17:19

S91	46	("369"/\$7 "720"/\$7 250/201.5). ccls. and ((head pick\$1up (pick adj up) lens actuator transducer) with ((retract\$3 park\$3 rest\$4 holding inactiv\$3 inoperative idl\$3 ("not" adj (operating "in use" "being used"))) "no operation") near3 (position location area zone region)) with ((maintain\$3 hold\$3 keep\$3 sustain\$3 preserv\$3 monitor\$3 detect\$3) near3 (focus\$4 in\$1focus position location))) and ((damag\$3 slam\$4 vibrat\$3 shak\$3 rattl\$3 shock\$3) same (retract\$3 park\$3 rest\$4 holding inactiv\$3 inoperative idl\$3 ("not" adj (operating "in use" "being used"))) "no operation"))	USPAT	OR	ON	2005/04/29 17:28
S92	16	("369"/\$7 "720"/\$7 250/201.5). ccls. and ((head pick\$1up (pick adj up) lens actuator transducer) with ((retract\$3 park\$3 rest\$4 inactiv\$3 inoperative idl\$3 ("not" adj (operating "in use" "being used"))) "no operation") near3 (position location area zone region)) with ((maintain\$3 hold\$3 keep\$3 sustain\$3 preserv\$3 monitor\$3 detect\$3) near3 (focus\$4 in\$1focus position location))) and ((damag\$3 slam\$4 vibrat\$3 shak\$3 rattl\$3 shock\$3) same (retract\$3 park\$3 rest\$4 inactiv\$3 inoperative idl\$3 ("not" adj (operating "in use" "being used"))) "no operation"))	USPAT	OR	ON	2005/04/29 18:02
S93	208	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((optical near3 (pick\$1up (pick adj up) head)) with (read\$3 reproduc\$4) with (recording writ\$3)) same (object\$3 adj lens) same (laser ((light radiation) near2 (source emitt\$3))) same ((focus\$4 tracking) near2 (driv\$3 control\$4 actuat\$3)))	USPAT	OR	ON	2005/04/29 18:29
S94	3	S93 and ((limit\$3 stop\$3) with (movement) with (focus\$3 track\$3 radial\$2) with direction)	USPAT	OR	ON	2005/04/29 18:10

S95	46	("369"/\$7 "720"/\$7 250/201.5). ccls. and ((limit\$3 stop\$3) with (movement) with (pick\$1up (pick adj up) head lens carriage) with ((focus\$3 track\$3 radial\$2) near3 direction))	USPAT	OR	ON	2005/04/29 18:16
S96	15	S95 and (((optical near3 (pick\$1up (pick adj up) head)) with (read\$3 reproduc\$4) with (recording writ\$3)) and (object\$3 adj lens) and (laser ((light radiation) near2 (source emitt\$3))) and ((focus\$4 tracking) near2 (driv\$3 control\$4 actuat\$3)))	USPAT	OR	ON	2005/04/29 18:16
S97	105	("369"/\$7 "720"/\$7 250/201.5). ccls. and ((limit\$3 stop\$3) with (mov\$5) with (pick\$1up (pick adj up) head lens carriage) with ((focus\$3 track\$3 radial\$2) near3 direction))	USPAT	OR	ON	2005/04/29 18:24
S98	30	S97 and (((optical near3 (pick\$1up (pick adj up) head)) with (read\$3 reproduc\$4) with (recording writ\$3)) and (object\$3 adj lens) and (laser ((light radiation) near2 (source emitt\$3))) and ((focus\$4 tracking) near2 (driv\$3 control\$4 actuat\$3)))	USPAT	OR	ON	2005/04/29 18:25
S99	9	("369"/\$7 "720"/\$7 250/201.5). ccls. and (mechanical adj limit)	USPAT	OR	ON	2005/04/29 18:19
S10 0	0	("369"/\$7 "720"/\$7 250/201.5). ccls. and ((limiter) with (mov\$5) with (pick\$1up (pick adj up) head lens carriage) with ((focus\$3 track\$3 radial\$2) near3 direction))	USPAT	OR	ON	2005/04/29 18:24
S10 1	24	("369"/\$7 "720"/\$7 250/201.5). ccls. and ((stopper) with (mov\$5) with (pick\$1up (pick adj up) head lens carriage) with ((focus\$3 track\$3 radial\$2) near3 direction))	USPAT	OR	ON	2005/04/29 18:24
S10 2	6	S101 and (((optical near3 (pick\$1up (pick adj up) head)) with (read\$3 reproduc\$4) with (recording writ\$3)) and (object\$3 adj lens) and (laser ((light radiation) near2 (source emitt\$3))) and ((focus\$4 tracking) near2 (driv\$3 control\$4 actuat\$3)))	USPAT	OR	ON	2005/05/02 16:41

S10 3	18	S93 and ((retract\$3 park\$3 rest\$4 holding inactiv\$3 inoperative idl\$3 ("not" adj (operating "in use" "being used"))) "no operation") near3 (position location area zone region))	USPAT	OR	ON	2005/04/29 18:30
S10 4	13	S93 and ((retract\$3 park\$3 rest\$4 inactiv\$3 inoperative idl\$3 ("not" adj (operating "in use" "being used"))) "no operation") near3 (position location area zone region))	USPAT	OR	ON	2005/04/29 18:30
S10 5	243	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((pick\$1up (pick adj up) head) with (read\$3 reproduc\$4) with (recording writ\$3)) same (object\$3 adj lens) same (laser ((light radiation) near2 (source emitt\$3))) same ((focus\$4 tracking) near2 (driv\$3 control\$4 actuat\$3))))	USPAT	OR	ON	2005/05/02 18:32
S10 6	52	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((pick\$1up (pick adj up) head) with (read\$3 reproduc\$4) with (recording writ\$3)) same (object\$3 adj lens) same (laser ((light radiation) near2 (source emitt\$3))) same ((focus\$4 tracking) near2 (driv\$3 control\$4 actuat\$3))) same (magneto\$1optical\$2)).	USPAT	OR	ON	2005/05/02 17:40
S10 7	8	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((pick\$1up (pick adj up) head) with (read\$3 reproduc\$4) with (recording writ\$3)) same (object\$3 adj lens) same (laser ((light radiation) near2 (source emitt\$3))) same ((focus\$4 tracking) near2 (driv\$3 control\$4 actuat\$3))) same (magneto\$1optical\$2)) and (slider with arm)	USPAT	OR	ON	2005/05/02 17:40
S10 8	208	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((optical near3 (pick\$1up (pick adj up) head)) with (read\$3 reproduc\$4) with (recording writ\$3)) same (object\$3 adj lens) same (laser ((light radiation) near2 (source emitt\$3))) same ((focus\$4 tracking) near2 (driv\$3 control\$4 actuat\$3))))	USPAT	OR	ON	2005/05/02 18:38

S10 9	13	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((optical near3 (pick\$1up (pick adj up) head)) with (read\$3 reproduc\$4) with (recording writ\$3)) same (object\$3 adj lens) same (laser ((light radiation) near2 (source emitt\$3))) same ((focus\$4 tracking) near2 (driv\$3 control\$4 actuat\$3)))) and (slider same arm)	USPAT	OR	ON	2005/05/02 17:50
S11 0	29	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((optical near3 (pick\$1up (pick adj up) head)) with (read\$3 reproduc\$4) with (recording writ\$3)) same (object\$3 adj lens) same (laser ((light radiation) near2 (source emitt\$3))) same ((focus\$4 tracking) near2 (driv\$3 control\$4 actuat\$3)))) and (slider)	USPAT	OR	ON	2005/05/02 18:30
S11 1	0	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((optical near3 (pick\$1up (pick adj up) head)) with (read\$3 reproduc\$4) with (recording writ\$3)) same (object\$3 adj lens) same (laser ((light radiation) near2 (source emitt\$3))) same ((focus\$4 tracking) near2 (driv\$3 control\$4 actuat\$3)))) and (vehicle with (pick\$1up (pick adj up) head))	USPAT	OR	ON	2005/05/02 18:31
S11 2	0	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((optical near3 (pick\$1up (pick adj up) head)) with (read\$3 reproduc\$4) with (recording writ\$3)) same (object\$3 adj lens) same (laser ((light radiation) near2 (source emitt\$3))) same ((focus\$4 tracking) near2 (driv\$3 control\$4 actuat\$3)))) and (vehicle same (pick\$1up (pick adj up) head))	USPAT	OR	ON	2005/05/02 18:31
S11 3	1	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((optical near3 (pick\$1up (pick adj up) head)) with (read\$3 reproduc\$4) with (recording writ\$3)) same (object\$3 adj lens) same (laser ((light radiation) near2 (source emitt\$3))) same ((focus\$4 tracking) near2 (driv\$3 control\$4 actuat\$3)))) and (vehicle)	USPAT	OR	ON	2005/05/02 18:31



S11 4	55	("369"/\$7 "720"/\$7 250/201.5). ccls. and (((optical near3 (pick\$1up (pick adj up) head)) with (read\$3 reproduc\$4) with (recording writ\$3)) same (object\$3 adj lens) same (laser ((light radiation) near2 (source emitt\$3))) same ((focus\$4 tracking) near2 (driv\$3 control\$4 actuat\$3)))) and ((optical near3 (pick\$1up (pick adj up) head)) with movable)	USPAT	OR	ON	2005/05/03 10:29
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